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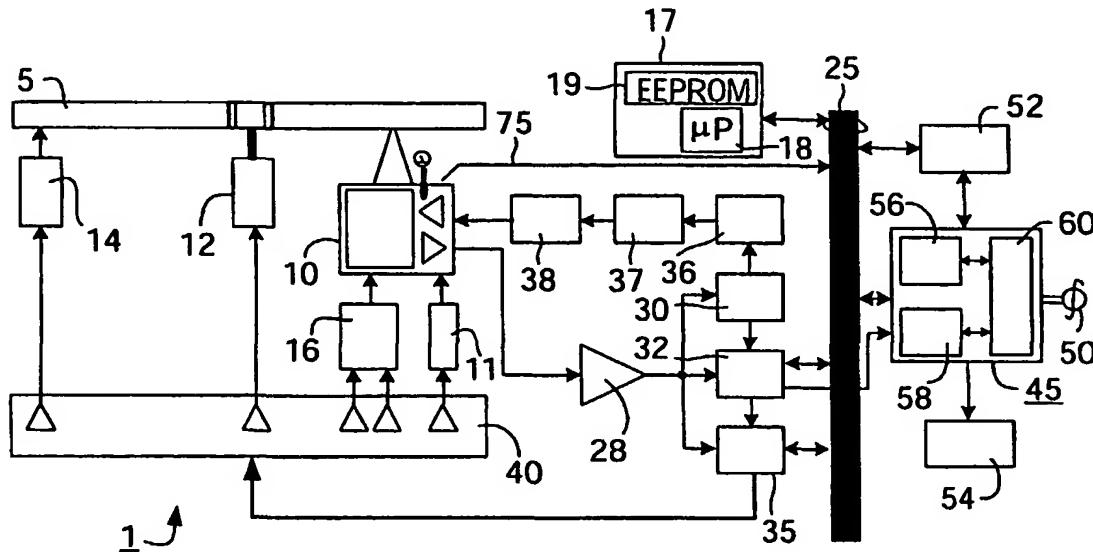
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(54) Title: DEVICE FOR RECORDING DATA ON A MEDIUM, METHOD IMPLEMENTED IN SUCH A DEVICE AND
RECORDING MEDIUM OBTAINED FROM SAID DEVICE.

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(57) Abstract: This device intended to record optical discs 5 comprises a control circuit for controlling the power of the recording laser beam 70 which takes a plurality of parameters into account notably the jitter of the recovered written data which is measured during the reading of recorded data which are produced by a reading block 71. Furthermore, the power may be corrected as a function of the temperature inside the laser housing by measuring the threshold current at which the light is switched on. Other parameters used to correct the laser power take into account the scanning velocity of the disc and the amount of disc tilt. Application: Recording for CD (compact disc), DVD (digital versatile disc), BD (Blu-ray Disc).